



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director  
OHIO E.P.A.  
SEP 13 2016

ENTERED DIRECTOR'S JOURNAL

SEPTEMBER 13, 2016

Mr. John Butler  
Sr. Site Engineer  
Rumpke Sanitary Landfill, Inc.  
10795 Hughes Road  
Cincinnati, Ohio 45251

Re: Rumpke Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste  
Landfills  
Hamilton County  
MSWL018791

**Subject: Rumpke Sanitary Landfill, Hamilton County  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Mr. Butler:

On May 3, 2016, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received a document titled "2016 First Semiannual Statistical Report Detection Monitoring System," dated May 3, 2016, for Rumpke Sanitary Landfill (Facility) located in Hamilton County. Additionally, on August 3, 2016, Ohio EPA, DMWM, SWDO received a document titled "OAC 3745-27-10(D)(7)(c)(ii) Request for Director's Approval Well MW-13S", dated August 3, 2016 for the Facility. These documents were submitted by Rumpke Sanitary Landfill, Inc., and contain the ground water sampling results and the statistical analysis from the March 1-4, 2016 ground water sampling event at the Facility.

The analysis of the ground water detection monitoring data included in the documents indicates that the following statistically significant changes were detected: MIBK in monitoring wells MW-1D and MW-14D; ammonia in monitoring well MW-13S.

Pursuant to OAC rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill caused the contamination, or that the statistically significant change resulted from error in sampling, analysis, or statistical evaluation or natural variation in ground water quality. A report documenting this demonstration must be submitted to and approved by Ohio EPA. If the owner or operator does not obtain approval to continue detection monitoring not later than two hundred ten (210) days from initial sampling, the owner or operator is required to comply with the provisions of OAC rule 3745-27-10(E) for ground water quality assessment monitoring.

As demonstrated in the May 3 and August 3, 2016 documents, the statistically significant changes for MIBK at monitoring wells MW-1D and MW-14D; and ammonia in MW-13S were due to natural variation in ground water quality, and not as a result of impact from the landfill. Monitoring wells MW-1D, MW-14D and MW-13S were initially sampled March 1-4, 2016.

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Ohio EPA has reviewed the applicable information and concurs with the demonstrations included in the May 3 and August 3, 2016 documents. Therefore, pursuant to OAC rule 3745-27-10(D)(7)(c)(ii), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring wells MW-1D, MW-14D, and MW-13S.

Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program.

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
77 South High St., 17<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions concerning this action, please contact Maria Lammers DMWM, SWDO at (937) 285-6046.

Sincerely,



Russell Brown, Acting Assistant Chief  
Southwest District Office  
for Craig W. Butler, Director

ec: Tracy Buchanan, DMWM, SWDO  
Chuck DeJonckheere, Hamilton County Public Health  
John McGinnis, DDAGW, SWDO